| <b>PATENT</b> | <b>APPLICATION</b> | FEE DETERMIN | IATION RECORD |
|---------------|--------------------|--------------|---------------|
|---------------|--------------------|--------------|---------------|

Effective November 10, 1998

Application or Docket Number

9/685100

| CLAIMS AS FILED - PART I (Column 1) (Column 2)         |  |  |  |  |   |  | SMALL ENTITY TYPE    |   | OB                   | OTHER THA             |                         |
|--|--|--|--|--|---|--|----------------------|---|----------------------|-----------------------|-------------------------|
| F  | )R   | N  |  | R FILED  |   | EXTRA  | RATE                 | FEE                                     |                      | RATE                  | FEE                     |
| BA   | SIC FEE  |  |  | ······································                                       |   |  |                      | <del> </del>                            | OR                   | 10112                 | 166                     |
| TOTAL CLAIMS 3/  |  | minus 20= *  |  |  |   | _  | 1 1                  |   |                      |                       |                         |
|  |  |  | 3  |  |   |  |                      | _                                       | OR                   |                       |                         |
| MULTIPLE DEPENDENT CLAIM PRESENT                       |  |  |  | 3=   |   |  |                      | OR                                      |                      |                       |                         |
| MULTIPLE DEPENDENT CLAIM PRESENT                       |  |  |  |  |   |  | · ·                  |   | OR                   |                       |                         |
| * If the difference in column 1 is less than zero, ent |  |  |  |  | ero, enter "0" ir   | olumn 2  | TOTAL                |   | OR                   | TOTAL                 |                         |
|  | C  | LAIMS (Colum   |  | MENDED   | Column 2)   | (Column 3)   | SMAL                 | LENTITY                                 | OR                   | OTHER<br>SMALL I      |                         |
| AMENDMENT A  | Gialos   | CLAIN<br>REMAIN<br>AFTE<br>AMENDI  | NING<br>ER   |  | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA   | RATE                 | ADDI-<br>TIONAL<br>FEE                  |                      | RATE                  | ADDI-<br>TIONAL<br>FEE  |
| MON  | Total  | * 31   | f  | Minus  | ** 3  | =  |                      |   | OR                   | 50 ·                  |                         |
| IME  | Independent  | * 4  | ا ا  | Minus  |   | = /  |                      |   | OR                   | 7,00                  | - 202                   |
| 1  | FIRST PRESE  | NTATION  | OF ML  | JLTIPLE DEI  | PENDENT CLA   | М  |                      | <u> </u>                                |                      | 000                   |                         |
|  |  | •  |  |  | •   | •  | 101/                 | ,                                       | OR                   | TOTAL                 | 700                     |
|  |  |  |  |  |   |  |                      |   | OR                   | 10174                 | 200                     |
|  |  | •  |  |  |   |  | ADDIT. FE            | E                                       | 1                    | ADDIT. FEE            |                         |
|  | -1   | Colum  |  | ·  | (Column 2)  | (Column 3)   | ADDIT, FE            |   | 1 · · ·              | ADDIT, FEE            |                         |
| ENTB   | •  | (Colum<br>CLAII<br>REMAII<br>AFTE<br>AMENDI                                  | MS<br>NING<br>ER   |  | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR   | PRESENT  | RATE                 | ADDI-<br>TIONAL<br>FEE                  |                      | RATE                  | ADDI-<br>TIONAL<br>FEE  |
| NDMENT B   | Total  | CLAI<br>REMAI<br>AFTE  | MS<br>NING<br>ER   | Minus  | HIGHEST<br>NUMBER<br>PREVIOUSLY   | PRESENT  |                      | ADDI-<br>TIONAL                         |                      |                       | ADDI-<br>TIONAL         |
| MENDMENT B   | Total<br>Independent                                   | CLAI<br>REMAI<br>AFTE<br>AMENDI  | MS<br>NING<br>ER   | Minus<br>Minus   | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA   |                      | ADDI-<br>TIONAL                         | OR                   |                       | ADDI-<br>TIONAL         |
| AMENDMENT B  | Independent  | CLAII<br>REMAII<br>AFTE<br>AMENDI<br>*                                       | MS<br>NING<br>ER<br>MENT                                       | Minus  | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA   |                      | ADDI-<br>TIONAL                         |                      |                       | ADDI-<br>TIONAL         |
| AMENDMENTB   | Independent  | CLAII<br>REMAII<br>AFTE<br>AMENDI<br>*                                       | MS<br>NING<br>ER<br>MENT                                       | Minus  | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA   | RATE                 | ADDI-<br>TIONAL<br>FEE                  | OR                   | RATE                  | ADDI-<br>TIONAL<br>FEE  |
| AMENDMENTB   | Independent  | CLAII<br>REMAII<br>AFTE<br>AMENDI<br>*                                       | MS<br>NING<br>ER<br>MENT                                       | Minus  | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA   |                      | ADDI-<br>TIONAL<br>FEE                  | OR<br>OR             | RATE                  | ADDI-<br>TIONAL<br>FEE  |
| AMENDMENTB   | Independent  | CLAIR REMAIR AFTE AMENDR  *  * CNTATION                                      | MS<br>NING<br>ER<br>MENT<br>I OF MU                            | Minus  | HIGHEST NUMBER PREVIOUSLY PAID FOR  **  **  COOLUMN 2)  | PRESENT<br>EXTRA   | RATE                 | ADDI-<br>TIONAL<br>FEE                  | OR<br>OR             | RATE                  | ADDI-<br>TIONAL<br>FEE  |
| S  | Independent  | CLAIR<br>REMAIR<br>AFTE<br>AMENDA<br>*                                       | MS<br>NING<br>ER<br>MENT<br>I OF MU<br>ING<br>MS<br>NING<br>ER | Minus  | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR<br>**<br>***  | PRESENT EXTRA  | RATE                 | ADDI-<br>TIONAL<br>FEE                  | OR<br>OR             | RATE                  | ADDI-<br>TIONAL<br>FEE  |
| S  | Independent  | CLAIR REMAIR AFTE AMENDO  *  *  COOLUIT CLAIR REMAIR AFTE                    | MS<br>NING<br>ER<br>MENT<br>I OF MU<br>ING<br>MS<br>NING<br>ER | Minus  | HIGHEST NUMBER PREVIOUSLY PAID FOR  **  ***  PENDENT CLA  (Column 2)  HIGHEST NUMBER PREVIOUSLY   | PRESENT EXTRA  | TOTA<br>ADDIT. FE    | ADDI-<br>TIONAL<br>FEE  ADDI-<br>TIONAL | OR<br>OR<br>OR       | RATE TOTAL ADDIT. FEE | ADDI-<br>TIONAL.<br>FEE |
| S  | Independent FIRST PRESE                                | CLAIR REMAIR AFTE AMENDO  *  (Colum CLAIR REMAIR AFTE AMENDO                 | MS<br>NING<br>ER<br>MENT<br>I OF MU<br>ING<br>MS<br>NING<br>ER | Minus<br>JLTIPLE DE  | HIGHEST NUMBER PREVIOUSLY PAID FOR  **  COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  | PRESENT EXTRA  E  (Column 3)  PRESENT EXTRA  | TOTA<br>ADDIT. FE    | ADDI-<br>TIONAL<br>FEE  ADDI-<br>TIONAL | OR<br>OR<br>OR       | RATE TOTAL ADDIT. FEE | ADDI-<br>TIONAL.<br>FEE |
|  | Independent FIRST PRESE  Total Independent             | CLAIR REMAIR AFTE AMENDO  *  * COOLUM CLAIR REMAIR AFTE AMENDO  *            | MS NING ER MENT  I OF MU  INS NING ER MENT                     | Minus  JUTIPLE DE  | HIGHEST NUMBER PREVIOUSLY PAID FOR  ***  COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  **   | PRESENT EXTRA  E  (Column 3)  PRESENT EXTRA  | TOTA<br>ADDIT. FE    | ADDI-<br>TIONAL<br>FEE  ADDI-<br>TIONAL | OR<br>OR<br>OR       | RATE TOTAL ADDIT. FEE | ADDI-<br>TIONAL.<br>FEE |
| AMENDMENTC   | Independent FIRST PRESE  Total Independent FIRST PRESE | CLAIR REMAIR AFTE AMENDO  *  * COOLUM CLAIR REMAIR AFTE AMENDO  *  * NTATION | MS NING ER MENT  OF MU  OF MU  OF MU                           | Minus  JUTIPLE DE  | HIGHEST NUMBER PREVIOUSLY PAID FOR  **  ***  COlumn 2)  HIGHEST NUMBER PREVIOUSLY PAID FOR  **  ***  PENDENT CLA  | PRESENT EXTRA  E IM  (Column 3) PRESENT EXTRA  E IM                                  | TOTA<br>ADDIT. FE    | ADDI-<br>TIONAL<br>FEE  ADDI-<br>TIONAL | OR<br>OR<br>OR       | RATE TOTAL ADDIT. FEE | ADDI-<br>TIONAL.<br>FEE |
| * AMENDMENT C  | Independent FIRST PRESE  Total Independent FIRST PRESE | CLAIR REMAIR AFTE AMENDO  *  * COOLUM CLAIR REMAIR AFTE AMENDO  *  NTATION   | MS NING ER MENT  I OF MU  OF MU  S than the county Pa          | Minus  JUTIPLE DEI  Minus  Minus  JUTIPLE DEI  de entry in coludi For in Thi | HIGHEST NUMBER PREVIOUSLY PAID FOR  ##  ###  COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  ##  ###  PENDENT CLA  THE PENDENT | PRESENT EXTRA  E IM  (Column 3)  PRESENT EXTRA  E IM  column 3. than 20, enter "20." | RATE  TOTA ADDIT. FE | ADDI-TIONAL FEE ADDI-TIONAL FEE         | OR<br>OR<br>OR<br>OR | RATE TOTAL ADDIT. FEE | ADDI-<br>TIONAL.<br>FEE |